

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. QUOREX.011DV1	APPLICATION NO. Filed herewith
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Cooper et al.	
		FILING DATE October 1, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
Yw	1.	3,053,880	09/11/62	Dale	—	—	
	2.	3,325,262	06/13/67	De Gray et al.	—	—	
	3.	3,564,091	02/16/71	De Gray et al.	—	—	
Yw	4.	3,873,279	03/25/75	Singer	—	—	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	5.	W/O 0032152	06/08/00		7	7		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Yw	6.	Chen, Xin et al., "Structural identification of a bacterial quorum-sensing signal containing boron," Nature, Vol. 415, pp. 545-549 (2002)						
	7.	Klaus Benner, Peter Klufers, "A combined x-ray and NMR study of borate esters of furanoidic cis-1, 2-diols," Institute for Organic Chemistry University, Germany, 02/14/00						
	8.	Ron van den Berg, Joop A. Peters and Herman van Bekkum, "The structure and (local) stability constants of borate esters of mono- and di-saccharides as studied by 11B and 13C NMR spectroscopy," Laboratory of Organic Chemistry and Catalysts, Delft University of Technology, Netherlands, 06/29/93						
	9.	Database Caplus on STN, Chemical Abstracts (Columbus, Ohio, USA), CA:103:47243, SAGULENKO et al 'Physicochemical properties of pyrocatechol borates of alkali metals' Viniti pp. 4184, 1984.						
Yw	10	Database Caplus on STN, Chemical Abstracts (Columbus, Ohio, USA), CA:111:166124, CODDINGTON et al 'High field boron-11 and carbon-13 NMR investigations of aqueous borate solutions and borate -diol complexes' Journal of Coordination Chemistry 20(1) pp. 27-38, 1989.						

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EXAMINER	Yw. Waddell	DATE CONSIDERED	9-16-04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			